PTO/SR/21 (02-04)

, RECO		U.S. Pat	ent and Ti	ademark Office	e: U.S. D	gh 07/31/2006. OMB 0651-0031 DEPARTMENT OF COMMERCE
THE LINE Paperwork Reduction Act of 1995.	no persons	are required to respond to a collect Application Number	10/651		s it disola	avs a valid OMB control number.
TRANSMITTAL		Filing Date	Augus	August 28, 2003 PETERSEN et al. 1635		
FORM	First Named Inventor	PETER				
(to be used for all correspondence after initial filing)		Art Unit	1635			
		Examiner Name				
Total Number of Pages in This Submission	Attorney Docket Number	5853-2	853-265			
	ENCL	OSURES (Check all th	at apply)		
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	P P P P P P P P P P P P P P P P P P P	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Ad Ferminal Disclaimer Request for Refund CD, Number of CD(s)	dress	App App (Ap	Technolo peal Cor Appeals peal Cor peal Not pprietary atus Lett ner Encle entify bel	osure(s) (please
SIGNA	TURE Ø	F APPLICANT, ATTOR	NEY, C	R AGEN	r	
Firm Neil R. Jetter or AKERMAN SENTERFITT	1					
Signature	1/					
Date July 8, 2004	/					
CI	RTIFIC	ATE OF TRANSMISSIC	N/MAI	LING		
I hereby certify that this correspondence is be sufficient postage as first class mail in an env the date shown below.	eing facsin	mile transmitted to the USPTO	or depos	ited with the		
Typed or printed name Neil R. Jetter						
Signature	<i>-</i> .			> _	Date	July 8, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retein a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: PETERSEN et al.

Application No.:

10/651,829

Examiner:

Date Filed:

August 28, 2003

Group:

1635

For:

NEUROGENESIS FROM HEPATIC STEM CELLS

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Hox 1450, Alexandria, VA 22313-

1450, on July 8, 2004.

Neil R. Jetter

Commissioner for Patents Post Office Box 1450 Alexandria, VA 22313-1450

Date: July 8, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, Applicants hereby disclose information that may be relevant to the Examiner's consideration of the above-identified application and the patentability of its claims.

In accordance with Rules 56, 97, and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), Form PTO/SB/08B of references cited therein are submitted for consideration by the Examiner. While the references provided in this Information Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. §1.97(g), the filing of this {WP187917;1}

In re Application of: PETERSEN et al.

10/651,829

Application No.: Filed:

August 28, 2003

Group Art Unit:

1635

For: NEUROGENESIS FROM HEPATIC STEM CELLS

Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. However, if any fee is due, the Commissioner is authorized to charge any such fee and any additional fees due or credit any overpayment to Deposit Account No. 50-0951.

Respectfully submitted,

Neil R. Jetter, Reg. No. 46,803

AKERMAN SENTERRITT

222 Lakeview Avenue, Suite 400

Post Office Box 3188

West Palm Beach, FL 33402-3188

Telephone: (561) 653-5000 Facsimile: (561) 659-6313

Docket No. 5853-265

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known STRANGE for form 1449/PTO **Application Number** 10/651,829 INFORMATION DISCLOSURE **Filing Date** August 28, 2003 STATEMENT BY APPLICANT **First Named Inventor** PETERSEN et al. Art Unit 1635 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 1 5853-265 of

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	clude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		DABEVA et al., "Differentiation of pancreatic epithelial progenitor cells into hepatocytes following transplantation into rat liver," Proc. Natl. Acad. Sci. USA, 94:7356-7361, 1997.			
		SHIOJIRI et al., "Cell Lineages and Oval Cell Progenitors in Rat Liver Development," Cancer Research 51:2611-2620, 1991.			
		LEMIRE et al., "Oval Cell Proliferation and the Origin of Small Hepatocytes in Liver Injury Induced by D-galactosamine," American Journal of Pathology 139:535-552, 1991.			
		SEGLEN, P., "HEPATOCYTE SUSPENSIONS AND CULTURES AS TOOLS IN EXPERIMENTAL CARCINOGENESIS," J. Toxic. Environ. Health 5:551-559, 1979.			
		PETERSEN et al., "Hepatic Oval Cells Express the Hematopoietic Stem Cell Marker Thy-1 in the Rat," Hepatology 27:433-445, 1998.			
		PETERSEN et al., "Mouse A6-Positive Hepatic Oval Cells Also Express Several Hematopoietic Stem Cell Markers," Hepatology 37:632-640, 2003.			
		PETERSEN et al., "Hepatic Oval Cell Activation in Response to Injury Following Chemically Induced Periportal or Pericentral Damage in Rats," Hepatology 27:1030-1038, 1998.			
	- 8				

Examiner	· - · · ·	Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.